



ADJ-3-2R

FBIS-2442/88  
3 November 1988

MEMORANDUM FOR: Distribution

FROM: Chief, Engineering Support Group  
Foreign Broadcast Information Service (FBIS)

SUBJECT: Minutes of the 19 October 1988 Facilities  
Technical Exchange Meeting

1. A facilities Technical Exchange Meeting (TEM) was held in the ESG conference room at 1530 hours on Wednesday, 19 October 1988. The agenda is provided in Attachment A. The list of attendees is provided in Attachment B.

2. [ ] stated the purpose of the meeting was to review the status of vulnerability of the FBIS Data Center, especially the electrical power systems, in view of recent outages. Another discussion area included ESG concerns about the status of preparations to seal the Data Center before IOC of the new Classified system. A status update of several requested facilities projects was scheduled last.

STAT

3. Vulnerability Status:

[ ]

STAT

FBIS-2442/88

SUBJECT: Minutes of the 19 October 1988 Facilities Technical Exchange Meeting

b. [ ] said the recent problem with the Emerson UPS, which was due to defective batteries, has been resolved with the expedited replacement of all Emerson UPS batteries (except DR UPS, which uses gel cells). The caps on the old batteries were made of selenium, and were being eroded by galvanic action from the lead acid batteries. Once eroded through, the caps would unseal, and the battery failed. One bad battery in a series caused a whole cabinet to fail, and if each cabinet had one bad battery, the UPS was no longer protected. The new batteries were ordered by [ ] on 14 October, arrived on 18 October, and were installed on 19 October. The new batteries have a solid two year guarantee, with a decreasing eight year guarantee afterward. The old ones were replaced by the manufacturer for a nominal cost to OL at \$25 each (listed at \$180). The response by the UPS maintenance contractor, Static Power Conversion Systems (SPCS), has been outstanding so far. They have been here each time on call in less than two hours, far better than their guaranteed four hour response time. This includes Saturdays and week nights. Since the Exide UPS are still under warranty, they are not under a separate maintenance contract. However, [ ] would like to include SPCS in any future bidding for the Exide maintenance contract.

c. [ ] also said it is not advisable to make the UPS batteries carry the primary load in testing anymore than necessary, because each month the batteries have to carry the load for 10 to 20 seconds when we execute the generator test. If we also make the batteries carry the load longer by opening the UPS circuit, we are hastening the deterioration of the batteries.

FBIS-2442/88

SUBJECT: Minutes of the 19 October 1988 Facilities Technical Exchange Meeting

d. The following action items related to the vulnerability study and UPS failures were assigned by C/ESG:

1) Based on a review of possible actions, it was tentatively agreed that we concurred in the FBIS-related recommendations of the study to install equipment alarms, generator backup of Composition and TV areas, extra cooling for the TV Center, generator backup and restart of the modem A/C unit, and purchase of spares. C/ESG wants to review the list of actions once finalized.

2) [ ] are to recommend a place to store the UPS spare parts received a week ago. (Note: They are being temporarily stored in a locked cabinet in the Exide UPS area in room 3N18).

STAT

3) [ ] is to review the list of RECD recommended critical electrical spare parts. He is to determine what has already been ordered, and then make recommendations for prioritized acquisition and appropriate storage.

STAT

4) [ ] is to explore with [ ] what type of scheduled UPS maintenance is required and provide recommendations.

STAT

4. In discussions of the Classified AFS facilities preparations, [ ] said he felt the sealing of the holes in the data center would be relatively easy and quick to fix. He feels the 21 November date can be met. (Whether this includes the filtering of the annunciator panel lines was not discussed.)

STAT

5. [ ] of RPO said the entrances to the Data Center could be repaired and modified by 21 November as well. The work is being designed now. (This includes removal and replacement of the main entrance vault door, a ramp entry, and repair of the

STAT

STAT

FBIS-2442/88

SUBJECT: Minutes of the 19 October 1988 Facilities Technical Exchange Meeting



STAT

7. Other Actions:

a. The work order to provide 24 hour TV Center cooling will be processed shortly. It may be better to use house cooling, rather than install another 3 ton unit in the Center. (Note: FBIS work order # 136 was submitted on 24 October).

b. The work order to provide dedicated power and cooling for the Pressfax area is in process. [redacted] says it is better to use the existing house cooling rather than a dedicated unit, because the Wire Services area in the next room already gets its 24 hour cooling from the house, and this can be reconfigured to serve both areas. The two outlets requested will be done in the near future.

STAT

c. The TV sound booth construction plans went to a contractor for an estimate on 19 October. It will be two weeks before they can begin work, and one additional week to complete. Allowing one week of slack time, this task should be complete by 17 November 1988.

d. The design for the hall closets was delivered to Mr. [redacted] on 19 October. He will be checking on contractor prices and will need two to three weeks to get these estimates back, before work can commence.

STAT

e. The work order for preparing room 3N21 as office space is pending. (Note: This was released on 21 October). Associated with these changes, [redacted] is to inform FBIS Logs what supplies and equipment need to be stored in FBIS West.

STAT

FBIS-2442/88

SUBJECT: Minutes of the 19 October 1988 Facilities Technical Exchange Meeting

8. C/Administrative Staff reminded all present that all building modification priorities had to be arranged through Admin, and to keep him informed of any changes.



STAT

Attachments as stated



STAT

CONCUR

FBIS

FBIS-2442/88

SUBJECT: Minutes of the 19 October 1988 Facilities Technical Exchange Meeting

FBIS/ESG/ADD/SES [redacted] (27OCT88)

STAT

Distribution:

Original - Chief [redacted], Page

STAT

1 - C/ADMIN/FBIS

1 - C/LOGS/FBIS

1 - C/HED/ESG

1 - C/ADD/ESG

1 - C/EB/HED

1 - C/AFSB/HED

7 1 - RPO Building Manager, [redacted]

STAT

1 - [redacted]

STAT

1 - [redacted]

GE/SES Staff

1 - [redacted]

STAT

1 - ESG Chrono

1 - Registry

FBIS-2442/88  
Attachment A

## Facilities Technical Exchange Meeting Agenda

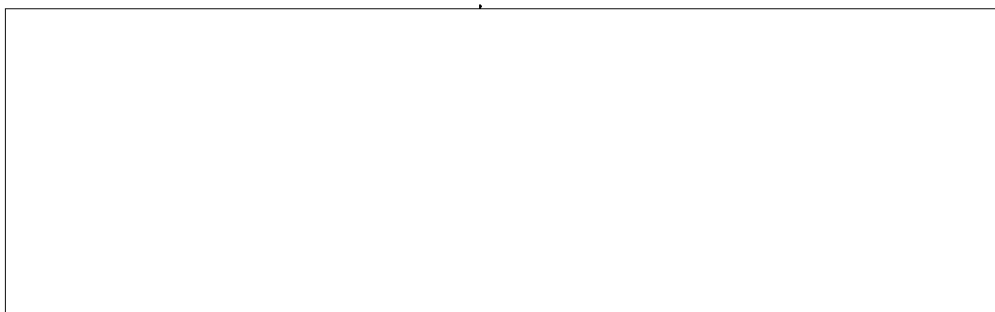
19 October 1988

### Top Concern - FBIS Data Center Health

#### RECD Vulnerability Study Addresses Most Concerns:

- Concur in Need for Equipment Alarms
- Need Generator Backup of Composition & TV Centers
- All Listed Spares Should be Purchased
- Need Better UPS Maintenance—Monthly
- Need Redundant Cooling for TV Center
- Connect Modem Closet A/C to Emergency Power/Auto Start
- Concur in Need for As-Built Drawings

### Second Concern is to Prepare for FBIS Classified System



STAT

FBIS-2442/88

Other Concerns

TV Sound Booth Construction Status, SES-105-88, 13 June 88

Dedicated Power & Cooling for WB Fax, SES-114-88, 24 June 88

Request for Closet Enclosures, SES-068, 29 Apr; SES-177, 16 Sep

Construction Changes to Room 3N21, FBIS-2439/88, 26 Sep 88

LAN Conduit for FED (FBIS-38/88, 9 Sep 88)

Combine Rooms 1N34A and B (PROD)

Install Modular Furniture in Room 3N03 (LRE)

Install Modular Furniture in Room 3S18 (B & F)

Install Modular Furniture in Room 1S18 (PROD)



**Page Denied**